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ALASKA AGRICULTURAL STATISTICS 1989

June 1989

CHECKED AREAS ON THE MAP SHOW THE LOCATION OF THE MAJOR AGRICULTURAL ACTIVITIES IN THE STATE. THE NUMBERS DESIGNATE THE AGRICULTURAL STATISTICS DISTRICTS.

1 TANANA VALLEY
2 MATANUSKA VALLEY
3 KENAI PENINSULA
4 SOUTHEAST
5 SOUTHWEST

ALASKA AGRICULTURAL STATISTICS
1989

COMPILED BY

ALASKA AGRICULTURAL STATISTICS SERVICE

DeLon A. Brown
State Statistician

P. O. Box 799
Palmer, Alaska 99645
Phone: (907) 745-4272

Janey Wineinger
Statistical Assistant

Marge Burgess
Administrative Technician

ISSUED COOPERATIVELY BY

U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE
Charles E. Caudill
Administrator
Phone: (202) 447-2707

UNIVERSITY OF ALASKA
AGRICULTURAL & FORESTRY
EXPERIMENT STATION
James V. Drew
Director
Phone: (907) 474-7305

AND

ALASKA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF AGRICULTURE
Frank Mielke
Director
Phone: (907) 745-7200

UNIVERSITY OF ALASKA
COOPERATIVE EXTENSION SERVICE
Irv Skelton
Acting Director
Phone: (907) 474-7246

STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF AGRICULTURE

STEVE COWPER, GOVERNOR

P.O. BOX 949
PALMER, ALASKA 99645-0949
PHONE: (907) 745-7200

May 4, 1989

Dear Alaskans:

A review of the statistics for 1988 shows some increases, some decreases, but generally a stable overall production. Good weather and better prices for some crops kept the overall value of farm production near the same level as last year.

What is more significant is that government support in the form of state clearing and operating loans, is drastically reduced from previous years, yet production is relatively stable. Much of the production reflected in this report is not production subsidized by state operating loans, but production for markets based on the economic vitality of the individual farm.

As agricultural production needs to be directed toward markets, the Division of Agriculture continues to emphasize marketing quality products as a critical element in improving the farm economy. The marketing effort of the Division has helped turn a large potato surplus into increased demand from Alaskan, Canadian, and Seattle consumers. Marketing efforts have also increased the market share of milk processed in Alaska.

If agricultural production and marketing efforts continue to work together, we should see increased production and farm receipts reflected in the 1989 statistics.

Special thanks go to Delon Brown and his staff, plus all of the producers who cooperated in making this report possible. Accurate data is a must in making sound production and marketing decisions.

Frank Mielke

Frank Mielke
Director

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Back Cover: Logo from State Division of Agriculture

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ALASKA
AGRICULTURAL
STATISTICS
SERVICE

UNITED STATES
DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service

P.O. BOX 799
PALMER, ALASKA 99645
(907) 745-4272

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The data presented in this bulletin were compiled from monthly, quarterly and annual surveys conducted throughout the year by this office. The estimates for 1988 are preliminary. Revisions made in this publication to prior year's data were based on new information made available since the original estimates were prepared. Also included are pertinent historical estimates for comparison purposes.

A special "thank you" to all farmers and ranchers, and agri-business people who voluntarily report the essential data for making these estimates.

Be assured we kept our pledge of confidentiality on reported data. I would also like to thank the other Federal, State and University Offices for their continued support.

The publication reference below shows which publication contains the most up-to-date area and State estimates for a particular commodity in a particular year:

CROPS	DATE ISSUED	LIVESTOCK
1960-1969	NOV. 1973	1961-1970
1970-1974	JUNE 1978	1971-1975
1975-1978	JUNE 1981	1976-1979
1979-1982	JUNE 1985	1980-1983
1983	JUNE 1986	1984
1984	JUNE 1987	1985
1985	JUNE 1988	1986
1986-1988	JUNE 1989	1987-1989

Delon A. Brown

DELON A. BROWN
State Statistician

OTHER REPORTS AVAILABLE:

ALASKA "Farm Reporter" - Monthly
"Crop Weather" - Weekly (May to Oct)

Call us at (907)745-4272 or write for an order form to:
Alaska Agricultural Statistics Service
P. O. Box 799
Palmer, AK 99645

ALASKA CASH RECEIPTS FROM FARM MARKETINGS 1/ - SELECTED YEARS

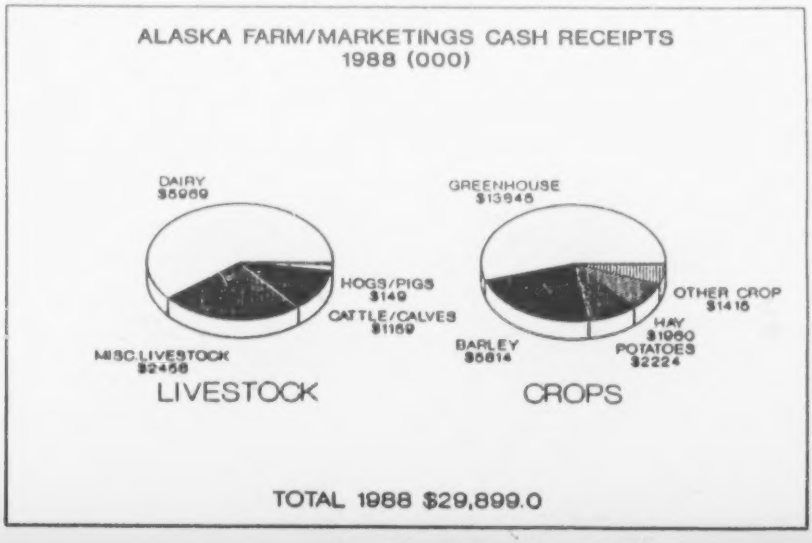
ITEM	1968	1978	1986	1987	1988 2/
			(000) Dollars		
TOTAL ALL COMMODITIES	3,831	11,799	28,064	29,094	29,899
Total Livestock Products	2,800	4,239	10,189	10,675	9,811
All Meat Animals	386	668	608	992	1,323
Cattle & Calves	292	435	285	765	1,159
Sheep and Lambs	11	11	21	13	15
Hogs and Pigs	83	222	302	214	149
All Dairy Products	1,807	2,463	6,141	6,791	5,969
Milk Wholesale	1,715	2,370	6,050	6,693	5,878
Milk Retail	92	93	91	98	91
All Poultry & Eggs	495	430	1,334	740	61
Poultry	19	12	47	23	2
Eggs	476	418	1,287	717	59
All Miscellaneous Livestock	92	678	2,106	2,152	2,458
Wool	92	21	13	13	26
Other Livestock 3/	NA	657	2,093	2,139	2,432
Total All Crops	1,031	7,560	17,875	18,419	20,088
All Feed Crops	218	1,862	1,925	2,214	2,604
Barley	51	496	373	442	581
Hay	121	1,326	1,530	1,705	1,960
Oats	46	40	22	67	63
All Vegetables	807	1,523	2,328	2,288	2,992
Potatoes	538	1,012	1,509	1,482	2,224
Miscellaneous Vegetables	269	511	819	806	768
All Other Crops	6	4,175	13,622	13,917	14,492
Greenhouse and Nursery	NA	4,000	13,150	13,248	13,845
Other Crops 4/	NA	175	472	669	647

1/ Includes cash receipts from all crop and livestock commodities in Alaska. 2/ Preliminary. 3/ Includes equine, fox, goats, honey, musk ox, reindeer and other livestock and poultry. 4/ Includes forest products, berries, grass seed and other field crops not mentioned above. NA - not available.

VALUE OF ON-FARM PRODUCTION BY AREA 1/ - SELECTED YEARS

YEAR	TANANA VALLEY	MATANUSKA VALLEY	KENAI PENIN.	SOUTH-EAST	SOUTH-WEST	STATE TOTAL
			Dollars			
			CROPS			
1960	560,100	1,672,600	132,100	32,300	18,900	2,416,000
1968	388,800	1,374,900	182,700	2,200	8,400	1,957,000
1978	1,404,500	3,433,500	377,000	-	14,000	5,229,000
1986	1,938,500	4,780,500	536,000	-	17,000	7,272,000
1987	2,992,800	4,721,200	486,000	-	34,000	8,234,000
1988	**3,138,600**	**5,492,400**	**373,000**	-	**17,000**	**9,021,000**
			LIVESTOCK AND POULTRY			
1960	448,500	2,116,800	177,500	264,200	140,000	3,147,000
1968	216,700	2,355,500	113,000	17,800	251,000	2,954,000
1978	476,400	3,147,000	117,300	16,500	283,800	4,041,000
1986	921,800	7,435,800	897,200	29,000	271,200	9,555,000
1987	1,051,400	7,970,400	436,200	27,000	287,000	9,772,000
1988	**1,063,600**	**6,831,900**	**228,400**	**18,000**	**256,100**	**8,398,000**
			TOTAL			
1960	1,008,600	3,789,400	309,600	296,500	158,900	5,563,000
1968	605,500	3,730,400	295,700	20,000	259,400	4,911,000
1978	1,880,900	6,580,500	494,300	16,500	297,800	9,720,000
1986	2,860,300	12,216,300	1,433,200	29,000	288,200	16,827,000
1987	4,044,200	12,691,600	922,200	27,000	321,000	18,006,000
1988	**4,202,200**	**12,324,300**	**601,400**	**18,000**	**273,100**	**17,419,000**

1/Includes total value of crop and livestock on farm commodities in this bulletin except reindeer. Excludes other livestock and all other crops as shown on Page 3. Dash indicates combined with others areas.



ALASKA HISTORICAL PRICES RECEIVED FOR CROPS AND LIVESTOCK PRODUCTS — SELECTED YEARS

Year	Barley (Bu.)	Oats (Bu.)	All Hay (Ton)	Silage (Ton)	Potatoes (Cwt)	Eggs (Doz.)	All Milk (Cwt.)
	Dollars						
1960	2.20	1.50	73.50	20.34	6.40	0.86	11.74
1962	2.35	1.45	63.00	19.00	4.80	0.81	10.64
1964	1.95	1.40	58.00	18.50	7.40	0.80	9.61
1966	1.95	1.30	50.00	18.00	5.55	0.77	10.28
1968	1.90	1.45	55.00	15.00	5.70	0.81	10.63
1970	1.90	1.30	75.00	18.00	6.60	0.83	11.20
1972	1.95	1.40	80.00	19.00	9.50	0.90	11.62
1974	4.15	2.70	130.00	40.00	12.40	0.95	14.24
1976	3.90	2.50	125.00	35.00	12.00	1.14	18.05
1978	3.80	2.75	130.00	37.77	11.50	1.25	17.47
1980	3.00	3.10	140.00	39.00	20.30	1.20	19.95
1982	3.60	5.00	190.00	42.80	16.00	1.19	21.47
1984	3.05	2.35	160.00	44.23	18.80	1.21	21.36
1986	2.50	2.35	170.00	42.30	15.40	1.23	20.20
1987	2.80	2.35	155.00	42.71	15.60	1.33	20.21
1988	**3.40**	**2.45**	**140.00**	**45.00**	**16.20**	**1.43**	**20.30**

ALASKA HISTORICAL PRICES RECEIVED FOR LIVESTOCK AND POULTRY — SELECTED YEARS

YEAR	ALL HOGS (CWT.)	BEEF CATTLE (CWT.)	ALL COWS (CWT.)	STEERS & HEIFERS (CWT.)	MILK COWS (HEAD)	CALVES (CWT.)	ALL SHEEP (CWT.)	ALL CHICKENS (HEAD)
	Dollars							
1961	26.00	22.00					26.00	2.31
1962	27.00	23.00					26.00	2.40
1964	26.00	19.40					25.00	2.29
1966	34.40	21.00					20.00	2.30
1968	32.50	21.80	16.00	26.80	340.00	22.80	25.00	2.24
1970	45.80	25.40	19.90	27.80	394.00	32.70	25.00	2.12
1972	47.60	28.90	25.30	31.80	469.00	33.40	24.00	2.30
1974	42.40	36.10	31.20	40.20	700.00	35.00	24.00	3.40
1976	60.00	45.50	40.70	51.10	600.00	35.00	25.00	3.81
1978	67.00	54.70	50.00	59.00	605.00	37.00	30.00	4.14
1980	75.00	56.00	45.00	64.00	800.00	55.00	30.00	4.10
1982	83.00	71.00	50.00	79.00	840.00	70.00	35.00	4.70
1984	63.00	61.00	47.00	67.00	910.00	70.00	35.00	4.80
1987	70.00	66.20	55.00	69.00	940.00	73.00	30.00	4.10
1988	**79.00**	**63.00**	**51.00**	**73.00**	**930.00**	**74.00**	**30.00**	**4.60**

ALASKA HISTORICAL CROP ACRES HARVESTED - 1960-88

Year	Barley (Grain)	Oats (Grain)	All Silage	All Hay	Potatoes	Vegetables	Total Acres
	Harvested Acres						
1960	2,300	1,400	4,400	6,900	730	180	15,910
1961	2,000	900	4,700	7,400	770	150	15,920
1962	2,200	1,100	6,500	7,800	730	155	18,485
1963	2,200	1,000	6,600	7,600	760	185	18,345
1964	1,900	500	5,600	8,300	730	155	17,185
1965	1,600	600	4,300	6,900	780	145	14,325
1966	1,600	400	3,900	8,200	710	155	14,965
1967	1,800	600	3,800	8,700	690	180	15,770
1968	1,900	900	3,500	7,900	620	285	15,105
1969	1,200	500	3,000	8,100	620	250	13,670
1970	1,500	500	2,900	8,000	610	200	13,710
1971	3,100	200	4,200	7,000	630	205	15,335
1972	2,800	500	3,800	10,900	550	170	18,720
1973	3,100	600	2,900	11,600	500	165	18,865
1974	1,100	400	2,800	12,600	570	155	17,625
1975	1,500	400	2,800	14,400	530	165	19,795
1976	1,300	300	2,500	13,700	510	175	18,485
1977	2,600	400	2,400	12,300	520	162	18,382
1978	4,000	600	2,400	12,200	450	198	19,848
1979	5,800	300	2,400	10,800	460	220	19,980
1980	11,500	600	3,600	12,800	460	227	29,187
1981	8,500	500	3,000	14,400	500	273	27,173
1982	7,500	600	1,800	13,100	480	306	23,786
1983	11,900	600	2,000	15,700	520	287	31,007
1984	15,000	1,700	5,800	15,600	550	301	38,951
1985	10,700	200	7,300	13,700	580	303	32,783
1986	7,000	300	7,100	14,400	550	278	29,628
1987	5,300	800	5,800	16,500	750	297	29,447
1988	4,700	600	3,400	15,900	800	283	25,683

ALASKA HISTORICAL LIVESTOCK & POULTRY - 1960-88

YEAR	AS OF JAN. 1				AS OF DEC. 1	
	ALL CATTLE	BEEF COWS	MILK COWS	ALL SHEEP AND LAMBS	ALL HOGS	ALL CHICKENS
1960	6,600	1,400	2,200	13,600	1,000	47,400
1961	7,300	1,400	2,800	15,000	1,000	42,000
1962	7,900	1,400	3,200	15,000	1,000	35,000
1963	8,000	1,600	2,900	16,000	900	37,000
1964	8,400	1,800	2,800	18,000	1,400	34,000
1965	8,300	2,000	2,600	20,000	1,400	39,000
1966	8,400	2,200	2,400	23,000	1,400	47,000
1967	8,300	2,300	2,100	24,000	1,200	51,000
1968	8,500	2,400	2,000	27,000	1,200	37,000
1969	8,600	2,500	1,900	27,000	1,100	30,000
1970	8,700	2,600	1,700	27,000	1,100	26,000
1971	8,800	2,600	1,600	23,000	1,500	36,000
1972	8,800	2,600	1,600	19,000	1,500	37,000
1973	8,900	2,600	1,700	16,000	1,200	38,000
1974	9,200	2,700	1,700	14,000	1,200	30,000
1975	9,700	2,800	1,600	12,400	800	26,000
1976	8,800	2,600	1,600	7,600	800	32,000
1977	8,000	2,400	1,500	6,500	1,000	28,000
1978	8,300	2,400	1,400	6,200	1,100	29,000
1979	8,700	2,500	1,300	5,000	1,100	26,000
1980	8,400	2,500	1,100	4,300	1,800	41,000
1981	8,400	2,500	1,100	3,900	2,800	37,000
1982	9,200	3,000	1,100	3,900	3,500	81,000
1983	9,000	3,000	1,000	3,300	3,200	73,000
1984	9,600	3,300	1,100	3,100	2,400	68,000
1985	9,500	2,900	1,300	2,900	2,300	66,000
1986	9,200	2,500	2,100	3,000	1,000	58,000
1987	9,500	2,500	2,400	2,400	500	6,000
1988	9,500	2,500	2,300	2,400	600	5,000
1989	9,200	2,500	1,900	2,700	NA	NA

ALASKA FARM BALANCE SHEET - 1983-87

ITEM	1983	1984	1985	1986	1987 1/
	Million Dollars				
TOTAL FARM ASSETS	425.6	487.6	504.7	446.3	447.9
Real estate	315.7	327.6	304.5	225.6	205.8
Livestock/poultry	6.2	6.2	6.5	6.5	6.7
Machinery/motor vehicles	21.1	22.2	21.8	20.1	18.8
Crops	0	0	0	.3	.4
Financial assets	87.2	131.3	172.1-	193.3	216.2
TOTAL FARM DEBT 2/	38.0	39.1	43.9	36.7	30.6
Real estate debt	27.2	25.9	32.4	25.5	20.7
Nonreal estate debt	10.8	13.1	11.5	11.2	9.9
EQUITY	387.6	448.6	460.9	409.6	417.4
DEBT/ASSETS RATIO	8.9	8.0	8.7	8.2	6.8

1/ Data Preliminary. 2/ Excludes Alaska Agriculture Revolving Loans.
SOURCE: ECIFS 7-2.

ALASKA FARM GROSS AND NET INCOME - 1983-87

ITEM	1983	1984	1985	1986	1987 1/
	Million Dollars				
REALIZED GROSS FARM INCOME:					
Cash receipts/farm marketings	22.5	25.9	26.3	29.6	32.5
Government payments	.2	.2	.3	.8	2.4
Nonmoney income	6.7	7.4	7.3	7.2	7.0
Other farm income	.7	.8	.9	.8	.7
Net inventory change	-1.2	-2.0	-2.9	-1.1	-1.7
TOTAL GROSS FARM INCOME	28.0	31.4	30.7	35.6	37.8
FARM PRODUCTION EXPENSES	25.0	25.4	24.5	21.3	22.9
REALIZED NET FARM INCOME	3.0	6.0	6.1	14.3	14.9

1/ Data preliminary. SOURCE: ECIFS 7-2

ALASKA AGRICULTURAL COMMODITIES PRODUCED (SELECTED YEARS)

Commodity	Unit	1960	1968	1978	1986	1987	1988
				(000) Units			
				CROP PRODUCTION			
OATS FOR GRAIN	Bu.	79.7	46.8	28.8	13.2	41.0	36.6
BARLEY FOR GRAIN	Bu.	87.5	57.0	150.0	207.0	220.0	228.0
ALL SILAGE	Tons	20.2	18.4	12.1	26.1	29.5	12.8
GRAIN SILAGE	Tons	15.8	12.8	5.3	18.5	18.1	6.1
GRASS SILAGE	Tons	4.4	5.6	6.8	7.6	11.4	6.7
ALL HAY	Tons	10.5	9.9	20.4	17.0	20.3	24.7
GRAIN HAY	Tons	2.5	1.1	4.7	1.8	2.2	1.4
GRASS HAY	Tons	8.0	8.8	15.7	15.2	18.1	23.3
POTATOES	Cwt.	131.4	114.7	81.0	124.0	148.0	204.0
LETTUCE 1/	Cwt.	6.2	10.0	11.2	35.0 2/	33.7 2/	28.6 2/
CABBAGE 1/	Cwt.	3.6	3.8	4.3	11.2	12.5	8.9
CARROTS	Cwt.	7.6	6.0	1.6	3.2	2.2	4.0
OTHER VEGETABLES	Cwt.	2.8	5.0	2.8	7.6	7.7	8.2
				LIVESTOCK AND POULTRY PRODUCTION			
EGGS	Doz.	529.8	625.0	392.0	1,067.0	550.0	58.0
POULTRY	Lbs.	55.0	86.0	161.0	155.0	88.0	69.0
BEEF	Lbs.	357.0	832.0	626.0	1,199.0	1,318.0	1,498.0
PORK	Lbs.	151.0	203.0	261.0	457.0	246.0	152.0
MUTTON	Lbs.	12.0	30.0	36.0	60.4	34.8	29.0
WOOL	Lbs.	125.0	264.0	28.0	20.0	17.0	21.0
REINDEER	Lbs.	450.0	754.0	NA	250.0	320.0	432.0
				Million Units			
MILK	Lbs.	20.4	17.7	14.8	31.5	34.8	30.7

1/ 1986, 1987, and 1988 Units in cartons. 2/ Head lettuce only.

ALASKA LIVESTOCK AND POULTRY ON FARMS (By Class) - SELECTED YEARS

CLASS	Jan. 1 1961	Jan. 1 1969	Jan. 1 1979	Jan. 1 1987	Jan. 1 1988	Jan.1 1989
	(000) Head					
ALL CATTLE AND CALVES	7.3	8.6	8.7	9.5	9.5	9.2
Beef Cows	1.4	2.5	2.5	2.5	2.5	2.5
Milk Cows	2.8	1.9	1.3	2.4	2.3	1.9
Heifers 500 Pounds+	1.0	1.1	1.4	1.5	1.4	1.3
Beef Cow Replacement	.4	.7	.9	.7	.7	.7
Milk Cow Replacement	.6	.4	.5	.8	.7	.6
Steers 500 Pounds +	.6	.8	.4	.3	.4	.5
Bulls 500 Pounds +	.2	.4	1.1	1.1	1.1	1.1
Calves Under 500 Pounds	1.3	1 9	2.0	1.7	1.8	1.9
ALL SHEEP AND LAMBS	15.0	27.0	5.0	2.4	2.4	2.7
Lambs	4.0	6.0	.8	.4	.5	.6
Ewes 1 Year +	6.0	11.0	2.7	1.3	1.2	1.4
Wethers and Rams 1 Year +	5.0	10.0	1.5	.7	.7	.7
	Dec. 1 1961	Dec. 1 1968	Dec. 1 1978	Dec. 1 1986	Dec. 1 1987	Dec. 1 1988
	(000) Head					
ALL HOGS AND PIGS	1.0	1.2	1.1	1.0	.5	.6
Slaughter Hogs & Pigs	NA	.8	.8	.8	.3	.4
Breeding Hogs	NA	.2	.3	.2	.2	.2
ALL CHICKENS	42.0	37.0	29.0	58.0	6.0	5.0
HPLA	41.0	36.0	27.0	53.0	4.0	4.0
Other Chickens	1.0	1.0	2.0	5.0	2.0	1.0

NA - Not Available.

ALASKA FARM NUMBERS AND LAND IN FARMS — SELECTED YEARS

YEAR	LAND IN FARMS (000 ACRES)	TOTAL ALL FARMS	NUMBER OF FARMS: ALL CATTLE	BEEF COW	MILK COW	CHICKENS	HOGS	SHEEP
1960	1,635	420	220	NA	140	NA	NA	NA
1968	1,750	320	180	NA	90	70	40	20
1978	1,600	350	140	NA	60	90	50	20
1985 1/	1,450	680	210	NA	70	110	60	30
1986	1,410	670	190	110	70	110	50	30
1987	1,400	660	180	100	60	100	40	30
1988	**1,380**	**650**	**170**	**90**	**60**	**90**	**40**	**40**

1/ From 1980 to Present farm redefined: Farms and ranches with annual sales of $1,000 or more. NA - Not Available.

ALASKA FERTILIZER CONSUMPTION (TONS) - 1987-88 1/

MATERIAL	1987	1988	MATERIAL	1987	1988
	Tons			Tons	
NITROGEN:			COMPLETED FORMULAS (CONT'D):		
Ammonium Nitrate	720	120	16-16-16	390	660
Urea	3340	3240	17-17-17	430	30
Ammonium Sulfate	-	90	18-18-18	2000	1800
			20-10-10	70	40
PHOSPHATE:			20-20-10	-	250
Ammoniated Phosphate	780	220	22-4-4	180	150
			22-11-11	1260	790
POTASH:			25-3-5	-	20
Muriate of Potash	80	40			
Other Potash	110	20	MISCELLANEOUS	850	840
TOTAL MATERIAL	5030	3730			
			TOTAL FORMULAS	6930	5970
COMPLETED FORMULAS:					
			TOTAL ALL FERTILIZER	11960	9700
8-32-16	920	790			
10-20-10	80	50			
10-20-20	750	550	LIME	870	300

1/ Survey conducted by Alaska State Division of Agriculture.

ALASKA CONSUMPTION OF FERTILIZER PLANT NUTRIENTS - SELECTED YEARS

Year Ended June 30	KIND OF FERTILIZER: Mixed Fertilizer	Primary Nutrient Material	Secondary and Micro-Nutrient	Total Fertilizer
	(Tons)	(Tons)		(Tons)
1965	3,033	1,339	0	4,372
1970	3,200	1,603	5	4,808
1975	6,605	1,098	1	7,704
1980	6,445	2,155	0	8,600
1985	7,200	3,320	0	10,520
1986	4,420	3,430	0	7,850
1987	6,930	5,030	0	11,960
1988	5,970	3,730	0	9,700

ALASKA'S 1988 CROP AND WEATHER REVIEW

The 1988 crop year started off on a normal pace with small grain seeding, vegetable planting and transplanting and potato planting all making good progress during May. Barley seeding was complete by the end of May. Most areas were behind the 1987 pace, but warm soils and spring showers seemed to boost emergence and growth throughout June. The growing season in the Matanuska Valley and Kenai Peninsula were much improved from 1987 with nearly ideal crop development throughout much of the season. Crops in the Pt. MacKenzie area started off on schedule but the lack of adequate moisture during June and July curtailed crop development during much of the season. All other areas received adequate moisture supplies or timely showers preventing any major crop damage.

First cutting of hay started prior to mid-June in the Matanuska Valley. However, intermittent rainfall slowed progress until July in both the Tanana and Matanuska Valleys. Kenai Peninsula growers had excellent haying weather until late July. Second crop harvest was active on many farms by mid-August. Sunny, warm weather promoted harvest in the Tanana Valley while cool damp conditions delayed most activity until September in the Matanuska Valley. Small grains made excellent growth and development all season long in the Tanana Valley. Combining started in mid-August, the earliest harvest most can recall. Harvest was virtually complete a month later.

Matanuska Valley growers had good growing conditions for small grains until it was time to start harvesting. Moderate to severe lodging occurred prior to harvest and the cool, damp conditions slowed maturity. Combining started at mid-September and was in the windup stage by early October.

Potato digging also was ahead of normal and the first early market harvest began prior to mid-August in the Matanuska and Tanana Valleys. Harvest continued at a steady pace until early September when growers started filling storages with what turned out to be a record crop. Excellent supplies of head lettuce, carrots and cabbage were being harvested in September.

A hard killing frost ended the growing season in much of the Delta Junction area early in September and the rest of Tanana Valley after mid-month. Frost halted all growing in the Matanuska Valley and Kenai Peninsula on September 24th and 25th.

Detailed summaries are shown on the next four pages for precipitation, temperatures, and growing degree days. Data for these summaries are taken from monthly Climatological Data Publications, NOAA, Environmental Data Service and may vary somewhat from the Annual Climatological data publication when it becomes available.

ALASKA PRECIPITATION DATA (Inches)

STATION	1988 PRECIPITATION							1988 SNOW/: SLEET	AVERAGE PRECIPITATION 1/						
	APR	MAY	JUN	JUL	AUG	SEP	YEAR		APR	MAY	JUN	JUL	AUG	SEP	YEAR
TANANA VALLEY															
Fairbanks Arpt.	.21	1.51	2.26	1.02	1.95	.73	10.47	51	.30	.65	1.38	1.74	1.60	.99	10.28
Univ. Exp. Sta.	.10	2.37	3.78	1.35	1.72	1.32	13.49	39	.21	.59	1.62	2.05	1.86	1.10	11.83
Eielson Field	.28	1.56	4.12	1.82	2.22	.97	12.27	48	.27	.67	1.61	2.40	2.05	1.25	11.77
Big Delta	.63	3.07	3.25	3.00	1.23	.31	15.24	46	.24	.85	2.64	2.93	1.90	.97	11.71
Clearwater	.88	3.37	3.23	4.02	1.45	.40	18.85	53	.57	1.05	2.60	2.91	2.02	1.31	15.54
MATANUSKA VALLEY															
Anchorage	.37	.56	.79	.64	3.77	1.26	14.32	70	.65	.59	1.05	1.70	2.35	2.63	15.51
PMC-Butte	*	*	*	*	*	*	*	*	.54	.59	1.25	2.42	1.86	2.36	17.89
Palmer AES	.61	.44	1.95	1.49	1.80	2.40	15.14	53	.59	.52	1.36	2.23	2.19	2.52	15.50
Mat. Exp. Sta.	.52	.48	1.81	1.60	2.34	2.48	14.76	61	.59	.56	1.43	2.43	2.24	2.46	15.15
Wasilla 3S	.18	.51	1.80	1.86	1.71	2.86	14.14	61	.58	.67	1.74	2.42	2.41	2.91	16.86
Talkeetna	.90	1.75	2.37	2.28	4.98	3.77	27.03	147	1.29	1.54	2.86	3.58	4.24	4.23	28.15
Point McKenzie	.26	.49	1.36	1.07	3.40	1.67	14.53	66	*	*	*	*	*	*	*
KENAI PENINSULA															
Homer Arpt.	4.09	.91	.89	.77	3.22	1.29	33.96	91	1.48	1.13	.95	1.46	2.20	3.15	26.97
Kasilof	.59	1.25	1.17	.69	3.61	1.78	17.91	50	.71	.70	1.09	1.57	2.55	2.98	17.68
OTHER AREAS															
Kodiak	6.65	2.42	1.59	4.11	8.28	6.55	86.21	87	4.25	6.40	5.31	3.91	4.58	6.83	72.00
Nome	.29	.97	1.41	.32	4.12	1.11	13.05	54	.55	.51	1.30	1.96	2.70	2.56	14.99
McGrath	.38	3.07	2.10	.88	2.71	.84	15.16	82	.71	1.04	1.56	2.15	2.39	2.20	16.84
Juneau Arpt.	2.25	3.91	2.05	5.21	5.53	5.46	60.77	29	2.94	3.42	3.27	3.72	5.44	6.42	53.69
Haines	.38	.63	1.38	3.34	2.67	4.40	00.00	62	2.69	2.17	1.41	1.40	2.51	4.86	48.15
Kenny Lake	.02	1.24	1.37	3.97	2.23	.77	14.55	56	.21	.49	1.46	2.00	1.43	1.16	10.80

1/ Averages based on Historical records from 1970-1988 when data available.
* Data missing or station years incomplete for average.

ALASKA 1988 TEMPERATURE DATA

STATION	HIGH/LOW FOR					AVERAGE FOR					DATE OF LAST SPRING MININUM OF		DATE OF FIRST FALL MINIMUM OF		DAYS BETWEEN
	YEAR	JAN	APR	JUL	SEP	YEAR	JAN	APR	JUL	SEP	<32°	<40°	<40°	<32°	<32°
TANANA VALLEY															
Fairbanks Arpt.	85/-35	26/-32	61/-4	85/44	63/21	29	-5	33	66	44	5/02	5/17	8/25	9/09	130
Univ Exp Sta	84/-34	24/-29	61/-3	84/40	63/18	30	-2	33	64	44	5/17	6/02	7/30	9/09	113
Eielson Field	84/-33	29/-31	60/-1	84/45	63/22	29	-9	34	65	44	5/03	5/26	8/25	9/08	128
Big Delta	79/-33	38/-27	60/-7	79/38	61/21	30	3	33	61	43	5/17	6/08	7/24	8/25	100
Clearwater	81/-44	23/-40	62/-15	81/34	64/17	27	-3	30	60	40	5/27	6/17	7/24	8/09	74
MATANUSKA VALLEY															
Anchorage	73/-9	39/-9	51/19	73/45	61/28	38	18	37	59	48	5/02	6/21	9/08	9/24	145
Palmer AES	75/-19	41/-15	53/18	75/44	62/28	38	17	38	57	47	5/02	6/03	8/24	9/24	145
Mat Exp Sta	75/-22	41/-16	54/12	75/41	64/23	37	17	38	58	46	5/20	6/28	8/09	9/08	111
Wasilla 3S	76/-21	41/-16	60/16	75/41	65/25	39	16	41	60	49	5/20	6/29	8/14	9/08	111
Talkeetna	80/-24	38/-18	57/8	80/42	63/22	36	13	36	61	46	5/03	6/02	8/25	9/09	129
Pt. McKenzie	75/-20	33/-20	53/13	75/45	62/26	37	13	36	59	48	5/20	6/07	8/27	9/24	127
KENAI PENINSULA															
Homer Arpt.	69/0	44/5	49/24	67/40	60/28	39	28	37	55	46	5/18	6/29	7/05	9/22	127
Kasilof	71/-5	41/-14	54/11	71/36	61/26	36	20	35	54	45	6/03	6/30	7/31	9/09	98
OTHER AREAS															
Kodiak	69/4	47/16	49/19	69/40	64/32	41	32	37	54	49	5/17	6/30	7/01	9/23	129
Nome	78/-27	42/-22	51/-15	78/39	56/25	28	14	23	53	41	6/04	6/28	7/08	9/12	100
McGrath	85/-48	43/-35	56/-22	85/43	65/15	28	-4	28	63	44	5/02	6/02	8/09	9/09	130
Juneau Arpt.	77/8	43/8	59/29	69/43	64/35	42	27	42	54	48	4/21	5/26	9/02	10/27	189
Haines	78/2	40/2	63/32	71/49	66/38	44	26	43	58	51	4/05	5/25	9/07	10/26	204
Kenny Lake	79/-39	34/-37	57/5	79/35	61/18	30	-4	35	57	42	6/21	6/28	7/12	8/13	53

ALASKA HISTORICAL TEMPERATURE DATA 1/

STATION	RECORD HIGH/LOW FOR					AVERAGE FOR					GROWING SEASON AVG. NO. FROST FREE DAYS 32°	ELEVATION IN FEET
	YEAR	JAN	APR	JUL	SEP	YEAR	JAN	APR	JUL	SEP		
TANANA VALLEY												
Fairbanks Arpt.	96/-66	50/-66	74/-49	93/34	84/10	28	-8	31	63	45	118	436
Univ. Exp. Sta.	99/-65	47/-65	76/-32	99/29	85/6	28	-5	30	61	45	93	475
Eielson Field	93/-64	49/-64	74/-23	89/36	75/5	28	-9	29	61	44	95	547
Big Delta	92/-63	48/-63	76/-37	91/35	79/2	28	-3	30	60	44	102	1268
Clearwater	93/-72	48/-72	74/-33	90/28	74/13	25	-9	28	58	42	55	1100
MATANUSKA VALLEY												
Anchorage	86/-38	56/-35	65/-21	83/35	73/19	36	17	35	58	48	136	114
PMC-Butte	85/-42	51/-40	72/-15	85/36	71/17	35	17	36	58	47	99	67
Palmer AES	90/-35	51/-35	69/-17	85/37	72/17	36	15	35	58	48	122	225
Mat. Exp. Sta.	91/-41	51/-40	68/-16	85/31	75/16	36	15	36	58	47	107	150
Wasilla 3S	90/-38	52/-38	68/-8	87/37	76/17	37	16	37	59	48	103	50
Talkeetna	91/-48	45/-48	69/-37	90/26	78/11	33	11	32	58	46	102	345
Pt.McKenzie	*	*	*	*	*	*	*	*	*	*	*	145
KENAI PENINSULA												
Homer Arpt.	81/-17	49/-17	60/-7	78/37	66/24	38	24	35	53	48	122	89
Kasilof	87/-45	48/-45	63/-17	83/27	72/15	34	14	33	53	45	47	70
Sterling	87/-40	47/-38	65/-14	87/30	70/9	34	15	33	55	46	71	325
OTHER AREAS												
Kodiak	86/-8	54/-8	62/-7	81/38	73/26	41	31	37	54	50	145	111
Nome	86/-47	46/-47	60/-30	86/31	67/15	27	7	16	52	42	77	13
McGrath	90/-64	54/-64	67/-40	89/33	76/6	26	-8	25	59	44	99	344
Juneau Arpt.	90/-22	57/-20	71/6	90/36	72/26	41	25	40	56	49	142	12
Haines	98/-17	53/-11	74/16	98/35	76/24	41	24	41	58	50	154	31
Kenny Lake	88/-57	44/-57	68/-26	88/30	70/-1	28	-3	31	57	43	56	1320

1/ Averages based on Historical records from 1970-1988 when data available.
* Data missing or station years incomplete for average.

ALASKA SEASON GROWING DEGREE DAYS (BASE 40 DEGREES F.) 1/

STATION	MAY		JUN		JUL		AUG		SEP		TOTAL	
	1988	AVG.	1988	AVG.	1988	AVG.	1988	AVG.	1988	AVG.	1988	AVG.
TANANA VALLEY												
Fairbanks Arpt.	397	299	687	596	800	707	570	526	152	153	2606	2281
Univ. Exp. Sta.	344	266	627	551	750	662	583	498	120	139	2424	2117
Eielson Field	344	237	678	529	760	657	524	489	120	141	2426	2053
Big Delta	273	240	537	501	660	625	499	480	93	130	2062	1976
Clearwater	214	183	528	457	608	576	425	408	0	68	1775	1693
MATANUSKA VALLEY												
Anchorage	264	209	456	423	583	568	496	501	240	240	2039	1942
Palmer AES	264	199	438	419	539	538	471	466	201	229	1913	1850
Mat. Exp. Sta.	270	214	435	413	543	543	462	482	192	215	1902	1865
Wasilla 3S	301	235	468	444	623	589	524	520	267	252	2183	2032
Talkeetna	264	164	483	423	648	566	502	473	174	171	2071	1783
Pt.McKenzie	264	*	372	*	577	*	490	*	231	*	1934	*
KENAI PENINSULA												
Homer Arpt.	155	93	326	276	474	417	431	413	180	222	1566	1422
Kasilof	78	66	306	262	440	399	431	377	144	159	1399	1263
OTHER AREAS												
Kodiak	155	112	348	287	434	444	468	463	261	299	1666	1604
Nome	99	27	237	176	403	374	353	324	42	80	1134	981
McGrath	295	170	540	460	722	593	450	450	111	120	2118	1793
Juneau Arpt.	264	223	420	390	428	495	431	468	246	283	1789	1859
Haines	319	264	525	447	546	551	536	520	330	301	2256	2081
Kenny Lake	149	127	441	387	524	519	400	409	63	102	1577	1544

1/ Averages based on Historical records from 1970-1988 when data available.
* Data missing or station years incomplete for average.

ALASKA CROP SUMMARY — 1988

BARLEY was planted on 5,300 acres in 1988, 700 acres less than in 1987. Growers harvested 5,100 acres of which 4,700 acres were harvested for grain. Production of **BARLEY FOR GRAIN** was 228,000 bushels, 8,000 bushels above 1987. Yield averaged 48.5 bushels per acre. The 1988 crop value, at $775,000 was $159,000 above the 1987 level.

OAT growers planted 2,200 acres of oats, 3,500 acres below 1987. Growers harvested 1,800 acres, 3,800 acres below last year's level. Most of the oat acreage was harvested for hay and silage in 1988.

OATS FOR GRAIN was harvested from 600 acres, a decrease of 200 acres from 1987. Production at 36,600 bushels was 4,400 below the 1987 production. The State's yield averaged 61.0 bushels per acre. Value of the 1988 crop at $90,000, compares with $96,000 the previous year.

MIXED GRAINS for hay and silage were harvested from 1,000 acres, 600 acres more than 1987. Production is included with hay and silage data.

ALL HAY production of 24,700 tons was 4,400 tons above the 1987 production. The State average yield at 1.55 tons per acre, compares with 1.23 tons per acre in 1987. The 1988 crop was harvested from 15,900 acres, down from 16,500 acres a year earlier. At $3,458,000, production value of all hay was up $311,000 from the previous year.

GRASS HAY was harvested from 15,200 acres, 500 acres more than in 1987. Production of 23,300 tons of grass hay was 5,200 tons above the 1987 level. Seeded grass hay-brome, timothy, etc. is harvested mostly in the Tanana and Matanuska Valleys. Native grasses still make up part of the Kenai Peninsula hay production.

GRAIN HAY, mostly oat hay was harvested from 700 acres, a sharp decline from 1,800 acres in 1987. Production totaled 1,400 tons, compared with 2,200 tons in 1987.

ALL SILAGE production of 12,800 tons was down 16,700 tons from the previous year. A total of 3,400 acres of silage was harvested, down 2,400 acres from 1987. **GRASS SILAGE** was harvested from 1,500 acres and produced 6,700 tons. **GRAIN SILAGE** produced 6,100 tons from 1,900 acres. Silage is produced mainly by Grade A dairies included in the Palmer and Pt. MacKenzie areas. Production value of all silage at $576,000 was $684,000 less than a year ago.

POTATO production of 204,000 cwt. was harvested from 800 acres, compared with 148,000 cwt. in 1987. At $3,305,000, value of production was $996,000 above the 1987 crop.

VEGETABLES were harvested from 283 acres, down slightly from 1987. Value of all vegetables produced, excluding greenhouse vegetables was $817,000 compared with $806,000 in 1987. **HEAD LETTUCE** production of 28,600 cartons was harvested from 95 acres in 1988. Other types of lettuce are included in other vegetables. An annual average carton weight for head lettuce in Alaska was 45 pounds in 1988 and 43 pounds in 1987. **CABBAGE** production of 8,900 cartons was harvested from 35 acres in 1988. An annual average carton weight for cabbage in Alaska was 53 pounds in 1988 and 52 pounds in 1987.

CARROT production totaled 4,000 cwt., 1,800 cwt. above 1987. Acres harvested at 30 was up from 21 a year ago. **OTHER VEGETABLES** were harvested from 123 acres, down slightly from the previous year.

ALASKA CROPLAND UTILIZATION - 1983 1/

CROPS	TANANA VALLEY	MATANUSKA VALLEY	KENAI PENIN.	SOUTH-WEST	STATE TOTAL
	Acres				
	PLANTED AREA				
COMMERCIAL VEGETABLES					
Potatoes	85	450	25	-	560
Lettuce	22	111	-	-	133
Cabbage	7	26	-	-	33
Carrots	5	18	-	-	23
Other Vegetables	16	106	-	-	122
FEED CROPS					
All Oats	1,900	800	400	-	3,100
All Barley	15,200	800	-	-	16,000
Grain Mixtures	50	750	-	-	800
GRASSLAND HARVESTED					
Grass	5,400	5,800	2,600	100	13,900
TOTAL LAND IN CROPS	22,685	8,861	3,025	100	34,671
Percent of State Total	65.4	25.6	8.7	.3	100
	HARVESTED AREA				
COMMERCIAL VEGETABLES					
Potatoes	70	425	25	-	520
Lettuce	20	100	-	-	120
Cabbage	6	26	-	-	32
Carrots	5	17	-	-	22
Other Vegetables	15	98	-	-	113
FEED CROPS					
Oats-All Purposes	1,650	600	350	-	2,600
Barley-All Purposes	12,250	650	-	-	12,900
Grain Mixtures	50	750	-	-	800
Grass	5,400	5,800	2,600	100	13,900
GRAIN					
Oats	450	150	-	-	600
Barley	11,450	450	-	-	11,900
HAY					
Grain	1,600	900	300	-	2,800
Grass	5,400	4,800	2,600	100	12,900
SILAGE					
Grain	450	500	50	-	1,000
Grass	-	1,000	-	-	1,000

1/ Dash indicates no crop produced or combined with other areas.

ALASKA CROPLAND UTILIZATION - 1988 1/

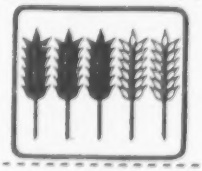
CROPS	TANANA VALLEY	MATANUSKA VALLEY	KENAI PENIN	SOUTH-WEST	STATE TOTAL
	Acres				
	PLANTED AREA				
COMMERCIAL VEGETABLES					
Potatoes	315	515	15	-	845
Lettuce	28	68	-	-	96
Cabbage	11	24	-	-	35
Carrots	10	21	-	-	31
Other Vegetables	21	116	-	-	137
FEED CROPS					
All Oats	800	1,300	100	-	2,200
All Barley	4,800	500	-	-	5,300
Grain Mixtures	200	800	-	-	1,000
GRASSLAND HARVESTED					
Grass	6,600	8,100	1,900	100	16,700
TOTAL LAND IN CROPS	12,785	11,444	2,015	100	26,344
Percent of State Total	48.5	43.4	7.7	.4	100
	HARVESTED AREA				
COMMERCIAL VEGETABLES					
Potatoes	280	505	15	-	800
Lettuce	28	67	-	-	95
Cabbage	11	24	-	-	35
Carrots	10	20	-	-	30
Other Vegetables	20	103	-	-	123
FEED CROPS					
Oats-All Purposes	700	1,000	100	-	1,800
Barley-All Purposes	4,700	400	-	-	5,100
Grain Mixtures	200	800	-	-	1,000
Grass	6,600	8,100	1,900	100	16,700
GRAIN					
Oats	500	100	-	-	600
Barley	4,400	300	-	-	4,700
HAY					
Grain	300	300	100	-	700
Grass	6,400	6,810	1,900	100	15,200
SILAGE					
Grain	400	1,500	-	-	1,900
Grass	200	1,300	-	-	1,500

1/ Dash indicates no crop produced or combined with other areas.

ALASKA BARLEY - SELECTED YEARS

District	Year	Area Planted Acres	AREA HARVESTED FOR GRAIN Acres	Yield Bu.	Production Bu. (000)	$ Value (000)
Tanana Valley	1960	830	650	26.6	17.3	40.3
	1968	670	560	23.0	12.9	28.5
	1978	2,500	2,450	33.9	83.1	310.0
	1986	6,900	6,200	29.0	179.0	430.0
	1987	5,400	5,000	42.2	211.0	587.0
	1988	4,800	4,400	50.0	220.0	741.0
Matanuska Valley 1/	1960	1,870	1,650	42.6	70.2	151.8
	1968	1,430	1,340	33.0	44.2	88.5
	1978	1,800	1,550	43.2	66.9	260.0
	1986	1,100	800	35.0	28.0	88.0
	1987	600	300	29.0	9.0	29.0
	1988	500	300	26.5	8.0	34.0
STATE TOTAL	1960	2,700	2,300	38.0	87.5	192.0
	1968	2,100	1,900	30.1	57.1	117.0
	1978	4,300	4,000	37.5	150.0	570.0
	1986	8,000	7,000	29.5	207.0	518.0
	1987	6,000	5,300	41.5	220.0	616.0
	1988	5,300	4,700	48.5	228.0	775.0

1/ Includes Kenai Peninsula.



ALASKA GRAIN STOCKS — 1985-1988 CROPS

YEAR	ON FARM Jan. 1	ON FARM Apr. 1	ON FARM Jul. 1	ON FARM Sep. 1	OFF FARM Jan. 1	OFF FARM Apr. 1	OFF FARM Jul. 1	OFF FARM Sep. 1	TOTAL Jan. 1	TOTAL April 1	TOTAL July 1	TOTAL Sept 1
	Tons											
	OATS											
1986	340	290	230	200	360	320	220	150	700	610	450	350
1987	260	210	80	40	110	70	40	10	370	280	120	50
1988	530	430	360	150	100	100	60	80	630	530	420	230
1989	**420**	**360**	**NA**	**NA**	**350**	**250**	**NA**	**NA**	**770**	**610**	**NA**	**NA**
	BARLEY											
1986	5860	3850	2740	1900	1440	1030	1050	720	7300	4880	3790	2620
1987	4090	3060	1790	1010	980	570	280	370	5070	3630	2070	1380
1988	2820	1800	910	390	1500	1050	380	240	4320	2850	1290	630
1989	**3070**	**2250**	**NA**	**NA**	**1510**	**1200**	**NA**	**NA**	**4580**	**3450**	**NA**	**NA**

NA - Not available.

ALASKA OATS - SELECTED YEARS

District	Year	Area Planted Acres	AREA HARVESTED FOR GRAIN Acres	Yield Bu.	Production Bu. (000)	$ Value (000)
Tanana Valley	1960	640	220	51.8	11.4	18.3
	1968	360	100	41.0	4.1	6.6
	1978	2,000	450	48.6	21.9	57.5
	1986	700	100	37.0	3.7	8.0
	1987	1,900	600	53.0	31.8	73.0
	1988	800	500	65.0	32.4	77.0
Matanuska Valley 1/	1960	2,560	1,180	57.9	68.3	101.7
	1968	1,440	800	53.5	42.8	61.4
	1978	1,100	150	45.8	6.9	21.5
	1986	4,900	200	47.5	9.5	23.0
	1987	3,800	200	46.0	9.2	23.0
	1988	1,400	100	42.0	4.2	13.0
STATE TOTAL	1960	3,200	1,400	57.0	79.7	120.0
	1968	1,800	900	52.0	46.8	68.0
	1978	3,100	600	48.0	28.8	79.0
	1986	5,600	300	44.0	13.2	31.0
	1987	5,700	800	51.0	41.0	96.0
	1988	2,200	600	61.0	36.6	90.0

1/ Includes Kenai Peninsula & Southwest.

ALASKA MIXED GRAINS 1/ — SELECTED YEARS

District	1960	1968	1978	1986	1987	1988
			ACRES PLANTED			
Tanana Valley	640	250	50	400	100	200
Matanuska Valley	2,480	1,900	650	400	300	800
Kenai Peninsula	180	250	-	-	-	-
STATE TOTAL	3,300	2,400	700	800	400	1,000
			ACRES HARVESTED			
Tanana Valley	620	200	50	400	100	200
Matanuska Valley	2,440	1,750	650	400	300	800
Kenai Peninsula	140	250	-	-	-	-
STATE TOTAL	3,200	2,200	700	800	400	1,000

1/ Includes mixtures of oats, barley, peas and etc. for all purposes. Dash indicates no crop produced or combined with other areas.

ALASKA GRAIN AND GRASS HAY - SELECTED YEARS

District	Year	Area Harv. Acres	Production Tons	Production $ Value (000)	Area Harv. Acres	Production Tons	Production $ Value (000)
		GRAIN HAY 1/			GRASS HAY		
Tanana Valley	1960	500	700	52.5	560	750	62.2
	1968	300	350	16.0	1,350	1,850	101.8
	1978	1,450	3,000	333.0	2,400	2,900	378.0
	1986	1,050	1,200	168.0	5,000	6,000	918.0
	1987	1,400	1,800	257.0	6,100	7,400	1,071.0
	1988	300	600	72.0	6,400	7,600	1,045.0
Matanuska Valley	1960	1,270	1,600	104.0	3,450	6,250	468.5
	1968	400	600	29.0	4,000	5,200	275.0
	1978	400	900	93.0	6,200	11,000	1,485.0
	1986	350	500	85.0	4,900	6,500	1,192.0
	1987	300	300	44.0	5,800	7,600	1,260.0
	1988	300	700	109.0	6,800	13,700	1,876.0
Kenai Peninsula	1960	110	170	12.5	610	650	48.8
	1968	200	150	9.0	1,500	1,650	107.2
	1978	450	800	108.0	1,200	1,700	241.0
	1986	200	100	19.0	2,700	2,600	491.0
	1987	100	100	17.0	2,600	2,900	464.0
	1988	100	100	16.0	1,900	1,900	323.0
Southwest 2/	1960	20	30	2.0	380	350	21.5
	1968	-	-	-	150	100	7.0
	1978	-	-	-	100	100	14.0
	1986	-	-	-	200	100	17.0
	1987	-	-	-	200	200	34.0
	1988	-	-	-	100	100	17.0
STATE TOTAL	1960	1,900	2,500	171.0	5,000	8,000	601.0
	1968	900	1,100	54.0	7,000	8,800	491.0
	1978	2,300	4,700	534.0	9,900	15,700	2,118.0
	1986	1,600	1,800	272.0	12,800	15,200	2,618.0
	1987	1,800	2,200	318.0	14,700	18,100	2,829.0
	1988	700	1,400	197.0	15,200	23,300	3,261.0

1/ Includes mixed grains, oats and barley. 2/ Includes Southeast. Dash indicates no crop produced or combined with other areas.

ALASKA ALL HAY - SELECTED YEARS

District	Year	Area Harvested Acres	Production Yield Tons	Production Tons	Production $ Value (000)
Tanana Valley	1960	1,060	1.37	1,450	114.7
	1968	1,650	1.33	2,200	117.8
	1978	3,850	1.53	5,900	711.0
	1986	6,050	1.19	7,200	1,086.0
	1987	7,500	1.23	9,200	1,328.0
	1988	6,700	1.23	8,200	1,117.0
Matanuska Valley	1960	4,720	1.66	7,850	572.5
	1968	4,400	1.32	5,800	304.0
	1978	6,600	1.80	11,900	1,578.0
	1986	5,250	1.33	7,000	1,277.0
	1987	6,100	1.30	7,900	1,304.0
	1988	7,100	2.03	14,400	1,985.0
Kenai Peninsula	1960	720	1.14	820	61.3
	1968	1,700	1.06	1,800	116.2
	1978	1,650	1.52	2,500	349.0
	1986	2,900	.93	2,700	510.0
	1987	2,700	1.11	3,000	481.0
	1988	2,000	1.00	2,000	339.0
Southwest 1/	1960	400	.95	380	23.5
	1968	150	.67	100	7.0
	1978	100	1.00	100	14.0
	1986	200	.50	100	17.0
	1987	200	1.00	200	34.0
	1988	100	.60	100	17.0
STATE TOTAL	1960	6,900	1.52	10,500	772.0
	1968	7,900	1.25	9,900	545.0
	1978	12,200	1.67	20,400	2,652.0
	1986	14,400	1.18	17,000	2,890.0
	1987	16,500	1.23	20,300	3,147.0
	1988	15,900	1.55	24,700	3,458.0

1/ Includes Southeast.

ALASKA GRAIN AND GRASS SILAGE - SELECTED YEARS

District	Year	Area Harv. Acres	Production Tons	Production $ Value (000)	Area Harv. Acres	Production Tons	Production $ Value (000)
		GRAIN SILAGE 1/			GRASS SILAGE		
	1960	590	2,550	59.0	110	350	7.7
	1968	130	700	11.9	100	300	5.1
	1978	70	300	10.0	-	-	-
Tanana Valley	1986	600	2,100	88.0	200	700	30.0
	1987	300	1,600	76.0	200	800	37.0
	1988	400	1,300	60.0	200	600	29.0
	1960	2,240	12,000	242.0	860	3,050	59.5
	1968	1,720	11,700	172.9	1,250	5,200	77.4
	1978	780	4,800	182.0	1,500	6,800	258.0
Matanuska Valley	1986	4,500	16,300	685.0	1,600	6,800	293.0
	1987	3,500	16,500	691.0	1,800	10,600	456.0
	1988	1,500	4,800	215.0	1,300	6,100	272.0
	1960	270	1,250	24.0	330	1,000	18.8
	1968	250	400	7.2	50	100	1.5
	1978	50	200	7.0	-	-	-
Kenai Penin. 2/	1986	100	100	4.0	100	100	4.0
	1987	-	-	-	-	-	-
	1988	-	-	-	-	-	-
	1960	3,100	15,800	325.0	1,300	4,400	86.0
	1968	2,100	12,800	192.0	1,400	5,600	84.0
	1978	900	5,300	199.0	1,500	6,800	258.0
STATE TOTAL	1986	5,200	18,500	777.0	1,900	7,600	327.0
	1987	3,800	18,100	767.0	2,000	11,400	493.0
	1988	1,900	6,100	275.0	1,500	6,700	301.0

1/ Includes mixed grains, oats and barley. 2/ Includes Southwest. Dash indicates no crop produced or combined with other areas.

ALASKA ALL SILAGE - SELECTED YEARS

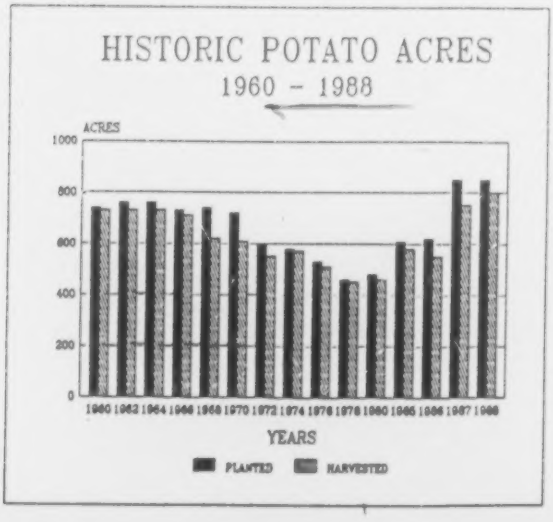
District	Year	Area Harvested Acres	Yield Tons	Production Tons	Production $ Value (000)
Tanana Valley	1960	700	4.14	2,900	66.7
	1968	230	4.35	1,000	17.0
	1978	70	4.29	300	10.0
	1986	800	3.50	2,800	118.0
	1987	500	4.80	2,400	113.0
	1988	600	3.17	1,900	89.0
Matanuska Valley	1960	3,100	4.85	15,050	301.5
	1968	2,970	5.69	16,900	250.3
	1978	2,280	5.09	11,600	440.0
	1986	6,100	3.79	23,100	978.0
	1987	5,300	5.11	27,100	1,147.0
	1988	2,800	3.89	10,900	487.0
Kenai Peninsula 1/	1960	600	3.75	2,250	42.8
	1968	300	1.67	500	8.7
	1978	50	4.00	200	7.0
	1986	200	1.00	200	8.0
	1987	-	-	-	-
	1988	-	-	-	-
STATE TOTAL	1960	4,400	4.59	20,200	411.0
	1968	3,500	5.26	18,400	276.0
	1978	2,400	5.04	12,100	457.0
	1986	7,100	3.68	26,100	1,104.0
	1987	5,800	5.09	29,500	1,260.0
	1988	3,400	3.76	12,800	576.0

1/ Includes Southwest. Dash indicates no crop produced or combined with other areas.

ALASKA POTATOES - SELECTED YEARS

District	Year	Area Harvested Acres	Yield Cwt.	PRODUCTION Cwt.	$ Value
					(000)
	1960	296	159	47,000	290.4
	1968	214	140	30,000	188.0
	1978	125	135	16,900	223.0
Tanana Valley	1986	90	123	11,100	172.0
	1987	255	193	49,300	774.0
	1988	**280**	**214**	**60,200**	**987.0**
	1960	378	203	76,640	386.2
	1968	365	220	80,300	436.0
	1978	300	205	61,500	688.0
Matanuska Valley	1986	445	251	111,800	1,720.0
	1987	480	205	98,400	1,530.0
	1988	**505**	**280**	**141,800**	**2,284.0**
	1960	56	139	7,760	46.4
	1968	41	107	4,400	30.0
	1978	25	105	2,600	21.0
Kenai Peninsula 1/	1986	15	73	1,100	18.0
	1987	15	20	300	5.0
	1988	**15**	**133**	**2,000**	**34.0**
	1960	730	180	131,400	723.0
	1968	620	185	114,700	654.0
	1978	450	180	81,000	932.0
STATE TOTAL	1986	550	225	124,000	1,910.0
	1987	750	197	148,000	2,309.0
	1988	**800**	**255**	**204,000**	**3,305.0**

1/ Includes Southeast & Southwest.



ALASKA POTATO PRODUCTION, DISPOSITION AND AVERAGE PRICE - SELECTED YEARS

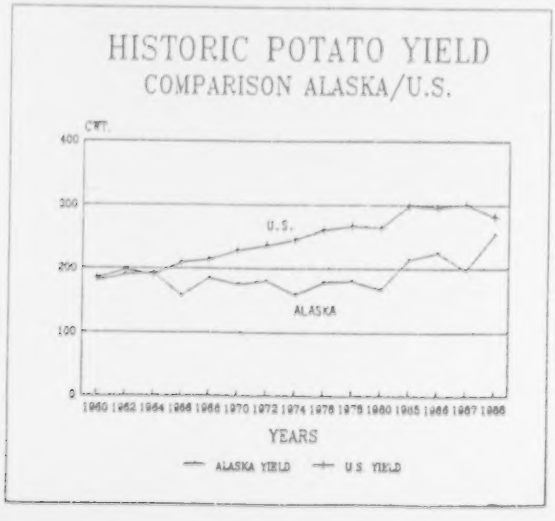
Crop Year	Production	Total Seed	Farm Food Seed 1/	Lost and Shrinkage	Sold	$ Price Per Cwt.
	(000) Hundredweight					
1961	146.3	7.6	8.8	34.1	103.4	6.30
1968	114.7	7.4	7.7	12.6	94.4	5.70
1978	81.0	5.7	8.0	9.0	64.0	11.50
1985	124.0	8.7	13.0	19.0	92.0	15.80
1986	124.0	11.1	14.0	12.0	98.0	15.40
1987	148.0	13.3	17.0	36.0	95.0	15.60

1/ Household use, livestock feed, and seed used on farm where grown.

ALASKA POTATO STOCKS - SELECTED YEARS

Crop Year	Total Production	STOCKS ON HAND AS OF Oct 1	Dec 1	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1
	(000) Hundredweight								
1961	146.3	NA	90.0	77.0	64.0	58.0	47.7	32.2	18.7
1968	114.7	107.3	80.0	69.2	58.6	48.0	36.0	26.2	12.5
1978	81.0	74.0	56.0	47.5	38.5	33.5	30.0	26.0	13.5
1986	124.0	115.0	100.5	88.5	72.5	63.0	52.5	38.5	20.5
1987	148.0	139.0	119.0	108.0	95.0	83.5	68.0	54.5	32.0
1988	204.0	189.0	169.0	147.5	128.0	109.5	93.5	74.5	NA

NA - Not Available.



ALASKA HEAD LETTUCE AND CABBAGE - SELECTED YEARS

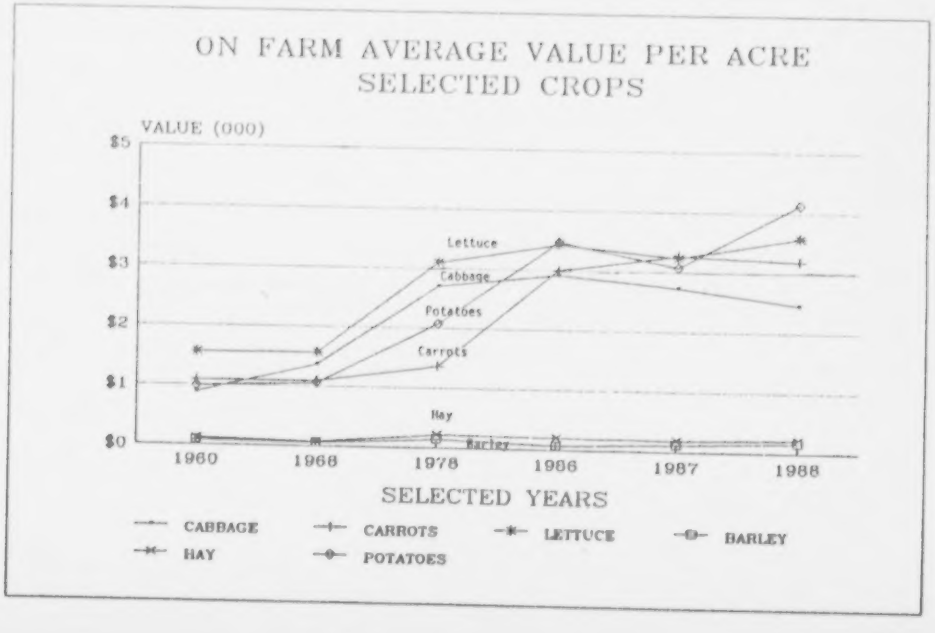
District	Year	Area Harvested Acres	Production Ctn.	Production Cwt.	$ Value
			HEAD LETTUCE 1/		
	1960	3		200	3,100
	1968	10	—	600	9,900
	1978	12		1,700	48,000
Tanana Valley	1986	22	4,000		57,000
	1987	21	3,800		54,000
	1988	**28**	**3,800**		**53,000**
	1960	47		6,000	74,900
	1968	70		9,400	115,100
	1978	83		9,500	247,000
Matanuska Valley 2/	1986	83	31,000		303,000
	1987	87	29,900		296,000
	1988	**67**	**24,800**		**287,000**
	1960	50		6,200	78,000
	1968	80		10,000	125,000
	1978	95		11,200	295,000
STATE TOTAL	1986	105	35,000		360,000
	1987	108	33,700		350,000
	1988	**95**	**28,600**		**340,000**
			CABBAGE		
	1960	13		1,020	12,400
	1968	8		700	9,300
	1978	7		800	17,000
Tanana Valley	1986	9	1,300		19,500
	1987	7	1,100		15,800
	1988	**11**	**1,100**		**14,600**
	1960	22		2,580	18,600
	1968	22		3,100	31,700
	1978	23		3,500	64,000
Matanuska Valley 2/	1986	28	9,900		88,500
	1987	34	11,400		96,200
	1988	**24**	**7,800**		**71,400**
	1960	35		3,600	31,000
	1968	30		3,800	41,000
	1978	30	—	4,300	81,000
STATE TOTAL	1986	37	11,200		108,000
	1987	41	12,500		112,000
	1988	**35**	**8,900**		**86,000**

1/ Prior to 1986, included all lettuce. 2/ Includes Kenai Peninsula.

ALASKA OTHER VEGETABLES AND CARROTS — SELECTED YEARS

District	Year	OTHER VEGETABLES 1/ Area Harv. Acres	Production Cwt.	Production $ Value	CARROTS Area Harv. Acres	Production Cwt.	Production $ Value
Tanana Valley	1960	8	860	10,900	3	400	3,300
	1968	16	490	7,800	7	280	3,900
	1978	15	500	20,000	3	300	8,000
	1986	18	700	32,000	7	500	16,000
	1987	17	900	38,000	6	300	10,000
	1988	20	700	31,000	10	1,000	29,000
Mat. Valley 2/	1960	42	1,940	29,100	42	7,200	45,700
	1968	109	4,510	55,200	43	5,720	64,100
	1978	45	2,300	104,000	10	1,300	31,000
	1986	92	6,900	234,000	19	2,700	69,000
	1987	110	6,800	239,000	15	1,900	57,000
	1988	103	7,500	241,000	20	3,000	90,000
STATE TOTAL	1960	50	2,800	40,000	45	7,600	49,000
	1968	125	5,000	63,000	50	6,000	68,000
	1978	60	2,800	124,000	13	1,600	39,000
	1986	110	7,600	266,000	26	3,200	85,000
	1987	127	7,700	277,000	21	2,200	67,000
	1988	123	8,200	272,000	30	4,000	119,000

1/ Excludes greenhouse grown vegetables. 2/ Includes Kenai Peninsula.



ALASKA LIVESTOCK AND POULTRY - 1988

CATTLE AND CALVES: There were 9,200 head of cattle and calves on Alaska farms and ranches January 1, 1989, down 300 head from last year. Inventory value of all cattle on January 1, 1989 totaled $5,704,000.

DAIRY: Milk cows that have calved numbered 1,900 on January 1, 1989, down 400 head from the previous January 1. There were 600 head of dairy replacement heifers.

The number of Grade A dairies in the State on January 1, 1989 totaled 13. Ten from the Palmer and Pt. MacKenzie areas are included with the Matanuska Valley; 3 in the Tanana Valley near Delta Junction.

MILK PRODUCTION in 1988 totaled 30.7 million pounds, 4,100,000 pounds less than in 1987. The value of milk produced at $6,233,000 was $801,000 less than a year ago. The 1988 value per hundredweight of $20.30 compares with $20.21 in 1987.

BEEF: Beef cattle (all cattle and calves less milk cows and dairy replacement heifers) numbered 6,700 head, 200 head more than the January 1, 1988 number. Beef cow numbers at 2,500 head were unchanged from the previous year. Beef heifers are estimated at 700 head.

Marketing and transportation problems continue to be main obstacles of the rancher. Beef are generally sold off the range at the end of the grazing season. However, during the past year, several head of beef cattle have been force fed in feed lots before being slaughtered.

HOGS: There were 600 hogs and pigs on farms on December 1, 1988, up 100 head the previous year. Total value of hogs on December 1, 1988 was $100,000 compared with $81,000 on December 1, 1987.

SHEEP: Stock sheep and lambs on January 1, 1989 totaled 2,700 head, up 300 from a year earlier. Inventory value of sheep was estimated at $204,000 compared with $170,000 a year earlier.

WOOL PRODUCTION of 21,000 pounds was up 4,000 pounds from 1987. The 2,200 head shorn compares with 1,800 head shorn in 1987. At 9.5 pounds, fleece weight was up slightly from the 9.4 pounds the previous year. Value of 1988 wool crop was $26,000.

POULTRY: All chickens on farms totaled 5,000 on December 1, 1988. Value of all chickens totaled $23,000 down from $25,000 a year earlier.

EGG PRODUCTION totaled 58,000 dozen in 1988, 492,000 dozen less than in 1987. Value of eggs produced in 1988 was $83,000, down $648,000 from the previous year.

REINDEER: There were an estimated 33,000 head of reindeer during 1988, up 6,000 head from 1987. Value of sales from meat and by-products totaled $1,474,000, up $618,000 from 1987.

ALASKA MEAT PRODUCTION - SELECTED YEARS

District	Year	PRODUCTION Pounds Dr. Wt.	PRODUCTION $ Value	PRODUCTION Pounds Dr. Wt.	PRODUCTION $ Value
		BEEF AND VEAL		PORK	
Tanana Valley	1960	37,600	16,100	14,900	6,700
	1968	49,000	21,000	52,000	23,000
	1978	30,000	34,000	102,000	93,000
	1986	347,000	399,000	311,000	199,000
	1987	405,000	512,000	65,000	59,000
	1988	**422,000**	**513,000**	**47,000**	**49,000**
Matanuska Valley	1960	155,000	60,300	126,700	50,900
	1968	355,000	131,000	146,000	62,000
	1978	275,000	266,000	140,000	123,000
	1986	513,000	571,000	88,000	59,000
	1987	580,000	715,000	131,000	118,000
	1988	**776,000**	**925,000**	**56,000**	**58,000**
Kenai Peninsula	1960	14,000	5,500	4,400	1,900
	1968	119,000	57,000	-	-
	1978	88,000	102,000	7,000	7,000
	1986	151,000	187,000	42,000	38,000
	1987	145,000	199,000	37,000	38,000
	1988	**129,000**	**165,000**	**36,000**	**37,000**
Southeast 1/	1960	150,400	62,100	5,000	2,500
	1968	309,000	142,000	5,000	3,000
	1978	233,000	238,000	12,000	11,000
	1986	188,000	238,000	16,000	14,000
	1987	188,000	261,000	13,000	15,000
	1988	**171,000**	**222,000**	**13,000**	**15,000**
STATE TOTAL	1960	357,000	144,000	151,000	62,000
	1968	832,000	351,000	203,000	88,000
	1978	626,000	640,000	261,000	234,000
	1986	1,199,000	1,395,000	457,000	310,000
	1987	1,318,000	1,687,000	246,000	230,000
	1988	**1,498,000**	**1,825,000**	**152,000**	**159,000**

1/ Includes Southwest. Dash indicates combined with others.

ALASKA CATTLE ON FARMS (JANUARY 1) - SELECTED YEARS

District	1961	1969	1979	1987	1988	1989
			BEEF COWS THAT HAVE CALVED 1/			
Tanana Valley	30	30	100	400	400	390
Matanuska Valley	30	50	120	150	150	160
Kenai Peninsula	70	300	270	320	250	230
Southwest 2/	1,270	2,120	2,010	1,630	1,700	1,720
STATE TOTAL	1,400	2,500	2,500	2,500	2,500	2,500
VALUE (000) DOLLARS	329.0	600.0	1,021.0	1,375.0	1,498.0	1,480.0
			MILK COWS THAT HAVE CALVED 1/			
Tanana Valley	340	90	140	190	230	200
Matanuska Valley	2,170	1,750	1,110	2,180	2,040	1,670
Kenai Peninsula	40	50	40	20	20	20
Southwest 2/	250	10	10	10	10	10
STATE TOTAL	2,800	1,900	1,300	2,400	2,300	1,900
VALUE (000) DOLLARS	1,204.0	665.0	755.0	2,256.0	2,160.0	1,771.0
			BEEF REPLACEMENT AND OTHER HEIFERS 3/			
Tanana Valley	10	10	40	130	210	120
Matanuska Valley	10	30	30	90	70	80
Kenai Peninsula	20	60	80	120	110	90
Southwest 2/	360	600	750	360	310	410
STATE TOTAL	400	700	900	700	700	700
VALUE (000) DOLLARS	74.0	150.0	347.0	373.0	417.0	413.0
			DAIRY REPLACEMENT HEIFERS 3/			
Tanana Valley	70	40	40	50	70	70
Matanuska Valley	470	350	450	750	630	530
Kenai Peninsula	20	10	10	-	-	-
Southwest 2/	40	-	-	-	-	-
STATE TOTAL	600	400	500	800	700	600
VALUE (000) DOLLARS	150.0	98.0	197.0	510.0	552.0	481.0

1/ Prior to January 1, 1979, definition was cows 2 years+ and older. 2/ Includes Southeast. 3/ Over 500 Pounds.

ALASKA CATTLE ON FARMS (JANUARY 1) - SELECTED YEARS

District	1961	1969	1979	1987	1988	1989
			STEERS 1/			
Tanana Valley	10	10	10	90	110	230
Matanuska Valley	30	50	70	70	90	90
Kenai Peninsula	10	40	20	30	70	30
Southwest 2/	550	700	300	110	130	150
STATE TOTAL	600	800	400	300	400	500
VALUE (000) DOLLARS	102.0	184.0	140.0	174.0	252.0	322.0
			BULLS 1/			
Tanana Valley	20	10	30	30	40	60
Matanuska Valley	50	50	40	30	40	40
Kenai Peninsula	20	30	30	30	30	30
Southwest 2/	110	310	1,000	1,010	990	970
STATE TOTAL	200	400	1,100	1,100	1,100	1,100
VALUE (000) DOLLARS	67.0	130.0	614.0	726.0	788.0	796.0
			CALVES 3/			
Tanana Valley	110	40	110	290	330	360
Matanuska Valley	540	510	500	560	720	590
Kenai Peninsula	70	180	210	220	110	160
Southwest 2/	580	1,170	1,180	630	640	790
STATE TOTAL	1,300	1,900	2,000	1,700	1,800	1,900
VALUE (000) DOLLARS	103.0	125.0	319.0	476.0	556.0	441.0
			ALL CATTLE			
Tanana Valley	590	230	470	1,180	1,390	1,430
Matanuska Valley	3,300	2,790	2,320	3,830	3,740	3,160
Kenai Peninsula	250	670	660	740	590	560
Southwest 2/	3,160	4,910	5,250	3,750	3,780	4,050
STATE TOTAL	7,300	8,600	8,700	9,500	9,500	9,200
VALUE (000) DOLLARS	2,029.0	1,952.0	3,393.0	5,890.0	6,223.0	5,704.0

1/ Over 500 Pounds. 2/ Includes Southeast. 3/ Under 500 pounds.

ALASKA CALF CROP - SELECTED YEARS

Year	Cows & Heifers That Have Calved January 1	Calving Percentage	Calf Crop
1961	4,200	83	3,500
1968	4,400	82	3,600
1978	3,800	84	3,200
1986	4,900	82	4,000
1987	4,800	81	3,900
1988	4,400	75	3,300

ALASKA PIG CROP - SELECTED YEARS

Year	SPRING FARROWINGS Sows Farrowed	SPRING FARROWINGS Pigs Per Litter	SPRING FARROWINGS Pigs Saved	FALL FARROWINGS Sows Farrowed	FALL FARROWINGS Pigs Per Litter	FALL FARROWINGS Pigs Saved
1961	130	6.9	900	120	6.8	820
1968	130	6.0	800	150	6.1	900
1978	160	6.9	1,100	160	7.5	1,200
1986	230	7.8	1,800	140	5.7	800
1987	70	5.7	400	80	6.3	500
1988	70	7.1	500	80	8.8	700

ALASKA ALL HOGS (DECEMBER 1) - SELECTED YEARS

District	1961	1968	1978	1986	1987	1988
Tanana Valley	110	370	550	530	200	290
Matanuska Valley	770	750	450	380	230	250
Kenai Peninsula	60	40	30	70	40	40
Southeast 1/	60	40	70	20	30	20
STATE TOTAL	1,000	1,200	1,100	1,000	500	600
VALUE (000) DOLLARS	61.0	59.0	147.0	127.0	81.0	100.0

1/ Includes Southwest.

ALASKA SHEEP, LAMBS, WOOL AND MUTTON

ALASKA SHEEP AND LAMBS ON FARMS JANUARY 1, SELECTED YEARS

Year	EWES ONE YEAR PLUS State Total	EWES ONE YEAR PLUS Value (000 $)
1961	6,000	180.0
1969	11,000	330.0
1979	2,700	230.0
1987	1,300	78.0
1988	1,200	77.0
1989	1,400	104.0

Year	WETHERS AND RAMS ONE YEAR PLUS State Total	WETHERS AND RAMS ONE YEAR PLUS Value (000 $)
1961	5,000	125.0
1969	10,000	265.0
1979	1,500	105.0
1987	700	52.0
1988	700	53.0
1989	700	59.0

Year	ALL LAMBS State Total	ALL LAMBS Value (000 $)
1961	4,000	76.0
1969	6,000	150.0
1979	800	58.0
1987	400	32.0
1988	500	40.0
1989	600	41.0

Year	ALL SHEEP AND LAMBS State Total	ALL SHEEP AND LAMBS Value (000 $)
1961	15,000	381.0
1969	27,000	745.0
1979	5,000	393.0
1987	2,400	162.0
1988	2,400	170.0
1989	2,700	204.0

ALASKA LAMP CROP SELECTED YEARS

Year	Ewes one Year: Old and Over January 1	Lambing Percentage	Lambs Saved
1961	6,000	83	5,000
1968	11,000	64	7,000
1978	3,000	30	900
1986	1,500	47	700
1987	1,300	54	700
1988	1,200	58	700

ALASKA WOOL PRODUCTION SELECTED YEARS

Year	Pounds Dr. Wt.	$ Value
1960	125,000	50,000
1968	264,000	92,000
1978	28,000	21,000
1986	20,000	13,000
1987	17,000	13,000
1988	21,000	26,000

ALASKA LAMB AND MUTTON SELECTED YEARS

Year	PRODUCTION Pounds Dr. Wt.	PRODUCTION $ Value
1960	12,000	6,100
1968	30,000	17,000
1978	36,000	22,000
1986	60,400	27,000
1987	34,800	17,000
1988	29,000	19,000

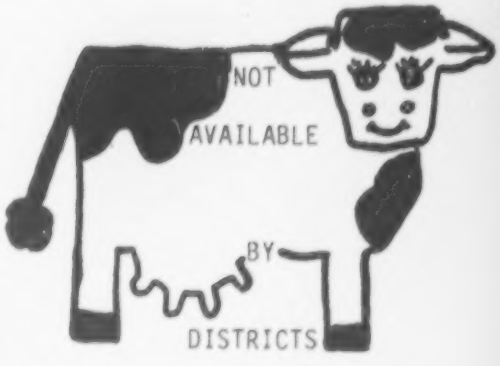
ALASKA MILK PRODUCTION BY MONTHS - 1978 AND 1988

Month	MILK COWS IN HERD 1/ : 1978	1988	MILK PER COW : 1978	1988	MILK PRODUCTION : 1978	1988
			--- Pounds ---		-- (000) Pounds --	
January	1,400	2,300	870	1,240	1,220	2,850
February	1,400	2,300	790	1,195	1,110	2,750
March	1,400	2,300	890	1,300	1,250	2,990
April	1,400	2,200	935	1,290	1,310	2,840
May	1,400	2,100	1,020	1,250	1,430	2,630
June	1,400	2,000	985	1,320	1,380	2,640
July	1,400	2,000	945	1,310	1,320	2,620
August	1,400	1,900	905	1,275	1,270	2,420
September	1,400	1,900	855	1,195	1,200	2,270
October	1,300	1,900	860	1,175	1,120	2,230
November	1,300	1,900	830	1,150	1,080	2,180
December	1,300	1,900	855	1,200	1,110	2,280
ANNUAL	1,400	2,100	10,571	14,619	14,800	30,700

1/ Includes all fresh and dry cows.

ALASKA MILK PRODUCTION AND VALUE - SELECTED YEARS

District	Year	PRODUCTION : Pounds	$ Value	$ VALUE : Per Cwt.	PERCENT Milkfat
		(000)	(000)		
	1960	4,470	584		
	1968	955	124		
	1978	400	75		
Tanana Valley 1/	1986	1,500	287		
	1987	2,300	440		
	1988	**2,400**	**460**		
	1960	15,930	1,811		
	1968	16,745	1,758		
	1978	14,400	2,511		
Matanuska Valley	1986	30,000	6,076		
	1987	32,500	6,594		
	1988	**28,300**	**5,773**		
	1960	20,400	2,395	11.74	3.75
	1968	17,700	1,882	10.63	3.63
	1978	14,800	2,586	17.47	3.35
STATE TOTAL	1986	31,500	6,363	20.20	3.48
	1987	34,800	7,034	20.21	3.42
	1988	**30,700**	**6,233**	**20.30**	**3.46**



1/ Includes Kenai Peninsula.

ALASKA EGGS - SELECTED YEARS

District	Year	Av. Number of Layers	Production Dozen	Production $ Value	Sales (Dozen)
TANANA VALLEY	1960	NOT AVAILABLE BY DISTRICTS	94,100	89,400	91,700
	1968		95,000	85,400	94,000
	1978		199,000	259,000	192,000
	1986		17,000	24,000	14,000
	1987		20,000	29,000	19,000
	1988		16,000	23,000	11,000
MATANUSKA VALLEY	1960		215,100	187,200	210,300
	1968		500,000	390,000	498,000
	1978		188,000	224,000	181,000
	1986		550,000	660,000	544,000
	1987		390,000	512,000	387,000
	1988		35,000	49,000	25,000
KENAI PENINSULA	1960		143,500	124,800	140,600
	1968		15,000	13,500	13,000
	1978		2,000	2,800	300
	1986		490,000	613,000	482,000
	1987		130,000	175,000	127,000
	1988		3,000	5,000	2,000
SOUTHEAST 1/	1960		77,100	62,600	75,800
	1968		15,000	14,100	12,000
	1978		3,000	4,200	700
	1986		10,000	15,000	6,000
	1987		10,000	15,000	6,000
	1988		4,000	6,000	3,000
STATE TOTAL	1960	NA	529,800	464,000	518,400
	1968	37,000	625,000	503,000	617,000
	1978	22,000	392,000	490,000	374,000
	1986	58,000	1,067,000	1,312,000	1,046,000
	1987	31,000	550,000	731,000	539,000
	1988	4,000	58,000	83,000	41,000

1/ Includes Southwest.

ALASKA POULTRY ON FARMS (DECEMBER 1) - SELECTED YEARS

District	1961	1968	1978	1986	1987	1988
			HENS AND PULLETS OF LAYING AGE			
Tanana Valley	5,000	6,200	9,700	900	1,000	1,200
Matanuska Valley	16,900	28,600	16,000	30,900	2,300	2,400
Kenai Peninsula	12,700	600	1,000	20,800	400	200
Southeast 1/	6,400	600	300	400	300	200
STATE TOTAL	41,000	36,000	27,000	53,000	4,000	4,000
VALUE (000) DOLLARS	96.0	82.0	113.0	266.0	20.0	20.0
			ALL CHICKENS			
Tanana Valley	5,000	6,400	9,900	2,200	1,800	1,500
Matanuska Valley	17,500	29,000	17,500	33,200	2,800	2,800
Kenai Peninsula	13,000	800	1,200	22,000	900	400
Southeast 1/	6,500	800	400	600	500	300
STATE TOTAL	42,000	37,000	29,000	58,000	6,000	5,000
VALUE (000) DOLLARS	97.0	83.0	120.0	281.0	25.0	23.0

ALASKA POULTRY PRODUCTION - SELECTED YEARS

District	1961	1968	1978	1986	1987	1988
			PRODUCTION - POUNDS			
Tanana Valley	4,800	14,300	48,000	16,000	18,000	18,000
Matanuska Valley	33,300	65,000	72,100	77,000	88,000	24,000
Kenai Peninsula	17,800	5,000	17,400	57,000	26,000	21,000
Southeast 1/	5,100	1,700	22,500	5,000	6,000	6,000
STATE TOTAL	61,000	86,000	150,000	155,000	88,000	69,000
			PRODUCTION VALUE DOLLARS			
Tanana Valley	2,100	4,300	15,400	14,000	13,000	14,000
Matanuska Valley	17,000	14,500	23,000	65,000	25,000	18,000
Kenai Peninsula	7,600	1,500	5,500	51,000	17,000	16,000
Southeast 1/	2,300	700	4,100	5,000	5,000	5,000
STATE TOTAL	29,000	21,000	48,000	135,000	60,000	53,000

1/ Includes Southwest.

ALASKA EGG PRODUCTION (QUARTERLY) - 1978 - 1988

Period	AVERAGE NO. OF LAYERS 1978	1987	1988	TOTAL EGG PRODUCTION 1978	1987	1988
				------ (000) ------		
December 1/ - February	19,000	52,000	4,000	1,100	2,700	200
March - May	19,000	36,000	4,000	1,100	2,000	200
June - August	22,000	22,000	3,000	1,200	1,300	100
September - November	27,000	13,000	4,000	1,300	600	200

1/ December preceding year.

ALASKA REINDEER - SELECTED YEARS

REINDEER: Most reindeer are located on the Seward Peninsula and Nunivak and Umnak Islands. There are also village herds located on the Bering Sea islands. Revenue is mainly from sale of meat and by products.

ALASKA REINDEER NUMBERS 1/

	1978	1981	1986	1987	1988
Males	7,000	9,200	11,000	11,000	14,000
Females	13,000	15,800	15,000	16,000	19,000
TOTAL 2/	20,000	25,000	26,000	27,000	33,000

ALASKA REINDEER MEAT AND BY-PRODUCTS 1/

Year	MEAT PRODUCTION Pounds Dr. Wt.	$ Value	MEAT SALES Pounds Dr. Wt.	$ Value	OTHER SALES 3/ $ Value
1960	450,000	180,000	330,000	132,000	NA
1968	754,000	324,000	608,000	260,000	NA
1977	312,000	275,000	256,000	225,000	196,000
1986	250,000	413,000	220,000	385,000	370,000
1987	320,000	544,000	260,000	482,000	374,000
1988	432,000	747,000	350,000	662,000	812,000

1/ Based on information supplied by BIA, CES, and Native Corps. 2/ Includes bulls, steers, cows, and fawns. 3/ Antlers, hides and other by-products. NA - Not available.

Alaska
GROWN